


Standards


Calibration standard

ISO12714

GB/T 19801

Certification

Product description

The WI800/1 broadband built-in preamplifier integrated acoustic emission sensor has a frequency range of 50KHz-800KHz and a resonant frequency of 600KHz. Its broadband characteristics cover the frequency range of most acoustic emission applications. The collected signals are rich and comprehensive, suitable for spectrum research, etc.

Product Feature

- SMA interface.
- The contact surface is made of ceramic material to isolate the outer shell from the measured object electromagnetically.
- The shell adopts SUS-304 and has an overall shielding design, effectively reducing interference.
- Each product has a unique serial number that can track the production testing process.
- Before leaving the factory, each sensor undergoes sensitivity testing in accordance with GBT 19801-2005, and the response curves of the delivered products are measured.

Technical Specs

Resonant Freq. Ref V/(m/s)	600kHz	Sensitivity Peak Ref V/(m/s)	> 65dB
Frequency Range	50kHz-800kHz	Integral pream- plicifier	26dB5V
Working Temp.	-20 to 50°C	Size (DxH)	Φ22×25.5
Weight	33.63 g	Case Material	SUS-304
Face Material	Ceramic	Protecting Grade	IP62
Connector	SMA	Connector Location	Side

Accessories

Signal cable	RG178/RG316	Hold-down	Saddle type
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